Monitoring Data Record

	COE Action ID: 200321137
Stream Name: <u>UT to Hickory Creek</u>	
City, County and other Location Information	: Greensboro Western Loop, Guilford Co
Sta. 29+00 to 32+00 – 40 SB REV-	1' 4 4 4 4 1 4 1 2005
Date Construction Completed: Water was tur	
•	Monitoring Year: (2) of 5
	8 digit HUC unit <u>03030002</u>
USGS Quad Name and Coordinates:	
	sed reach is a C4 stream type
	al: <u>Urban</u> Watershed Size:
Monitoring DATA collected by: M. Green &	J. Young Date: 2/16/07
Applicant Information:	
Name: NCDOT Roadside Environme	
Address: 1425 Rock Quarry Road	
	Email address: <u>mlgreen@dot.state.nc.us</u>
	ant Information:
Name:	
Address:	
Telephone Number:	Email address:
Project Status: Complete	
Manitaring I and required by COE and DI	
Monitoring Level 1 requires completion of	WQ (404 permit/ 401 Cert.): Level 2 3
Monitoring Level 1 requires completion of	Section 1, Section 2 and Section 3
Monitoring Level 1 requires completion of Permit States : NCDOT shall perform the following the following terms of the states o	Section 1, Section 2 and Section 3 llowing components of Level I monitoring twice
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	PLANT SURVIVAL n sheet indicating reference photos.
Identify s	pecific problem areas (missing, stressed, damaged or dead plantings):
.	
Estimated	causes, and proposed/required remedial action:
Estimated	causes, and proposed/required remedial action:
Estimated	causes, and proposed/required remedial action:
	Causes, and proposed/required remedial action: ONAL COMMENTS: Vegetation is dormant at this time. Hardwood vegetation noted onsite
ADDITI	ONAL COMMENTS: <u>Vegetation is dormant at this time</u> . Hardwood vegetation noted onsite een ash, tulip poplar, river birch, black willow, silky dogwood, and sycamore. Other vegetation onsi
ADDITI includes: grincluded: J	ONAL COMMENTS: Vegetation is dormant at this time. Hardwood vegetation noted onsite

If required to complete Level 1 and Level 2 monitoring only stop here; otherwise, complete section 3.

Section 3. CHANNEL STABILITY

Visual Inspection: The entire stream project as well as each in-stream structure and bank stabilization/revetment structure must be evaluated and problems addressed.

Report on the visual inspection of channel stability. <u>Physical measurements of channel stability/morphology will not be required.</u> Include a discussion of any deviations from as-built and an evaluation of the significance of these deviations and whether they are indicative of a stabilizing or destabilizing situation.

This is the Year 2 winter evaluation for this stream relocation. The channel is stable except for the headcut and erosion around a crossvane at approx. Sta. 30+00 -40 SB REV- (Photo Point #6 Downstream) that was noted during the last monitoring visit. The crossvane is scheduled to be repaired. The area where water was piping under ground and bypassing a bend in the stream (Photo Point #8 Upstream) noted last monitoring visit is now functioning properly. There is no corrective action needed in this area. NCDOT will continue to monitor this stream relocation.

Date Sta. 30+00 -Station Station Station Station Inspected 40SBREV-Number Number Number Number Structure Crossvane Type Is water piping through or around structure? Head cut or Headcut down cut present? Bank or scour erosion present?

NOTE: Attach separate narrative sheets to each monitoring report describing/discussing the overall monitoring results. Include the identification of specific problem areas/channel failures, estimated cause and proposed/required remedial action. This should include a brief discussion of any parameter that has changed significantly from as-built.

UT Hickory Creek

Site 28



Photo Point #1 (Upstream)



Photo Point #1 (Downstream)



Photo Point #2 (Upstream)



Photo Point #2 (Downstream)



Photo Point #3 (Upstream) Year 2 Winter – February 2007



Photo Point #3 (Downstream)

UT Hickory Creek

Site 28



Photo Point #4 (Upstream)



Photo Point #4 (Downstream)



Photo Point #5 (Upstream)



Photo Point #5 (Downstream)



Photo Point #6 (Upstream)
Year 2 Winter – February 2007



Photo Point #6 (Downstream)

UT Hickory Creek Site 28



Photo Point #7 (Upstream)



Photo Point #7 (Downstream)



Photo Point #8 (Upstream)



Photo Point #8 (Downstream)



Photo Point #9 (Upstream) Year 2 Winter – February 2007



Photo Point #9 (Downstream)